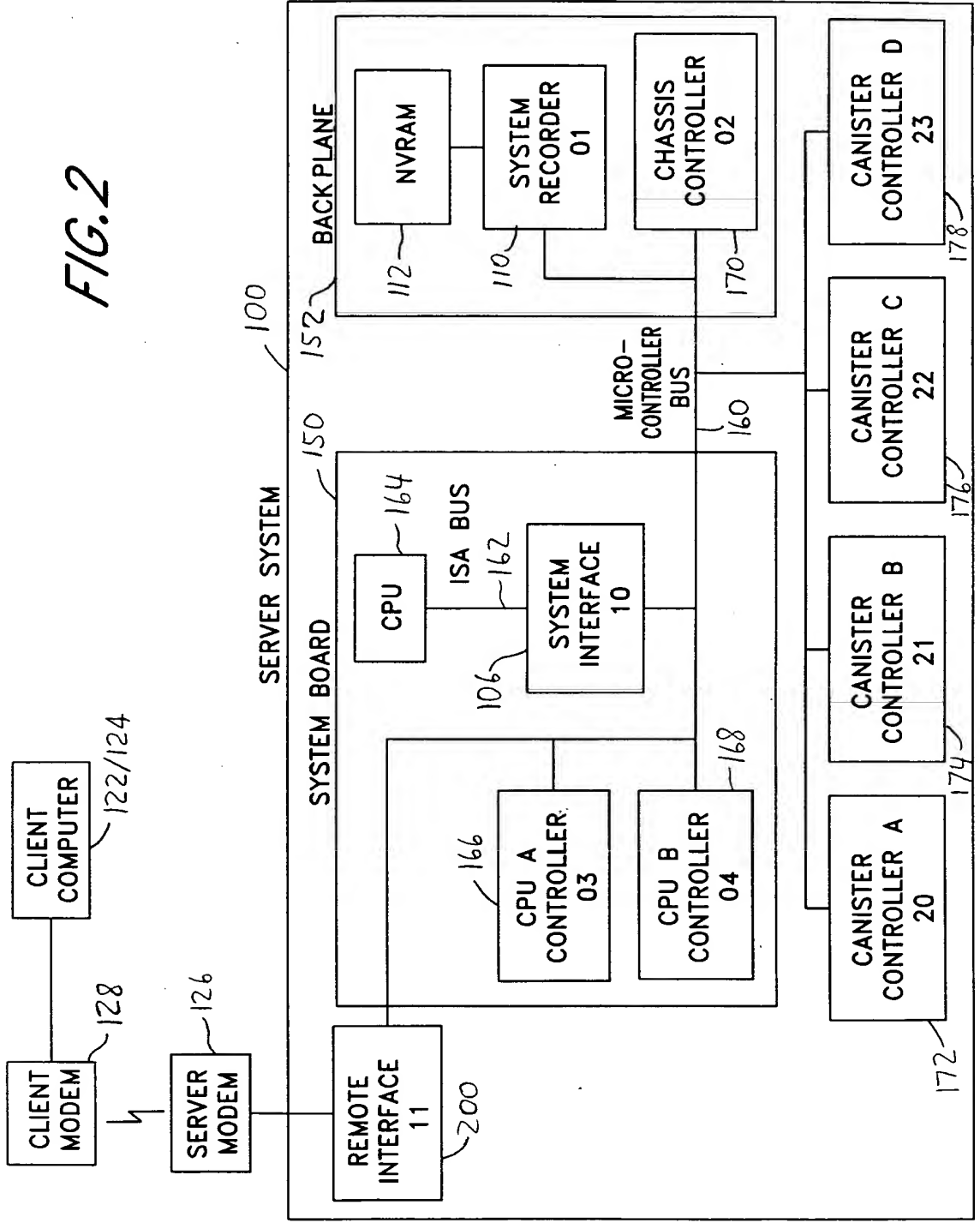


FIG. 1

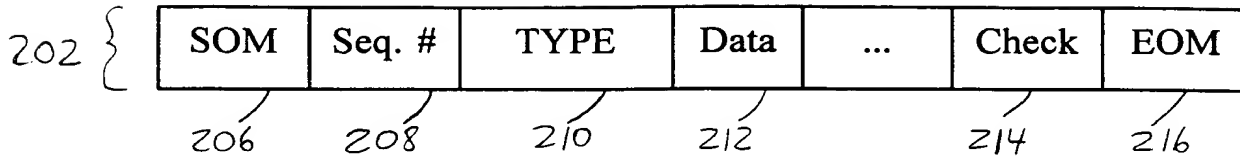
FIG. 2



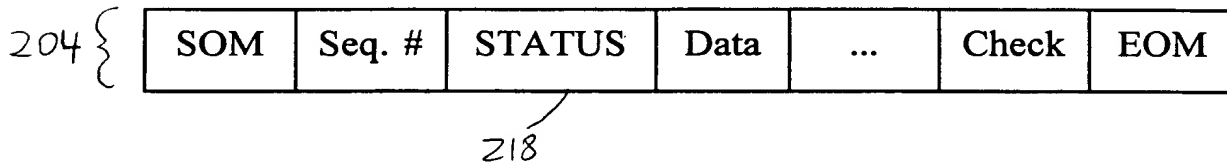
Remote Interface Serial Protocol Message Formats

201
↓

Request:



Response:



Event Interrupt

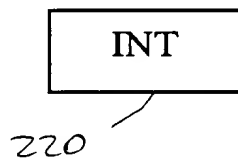
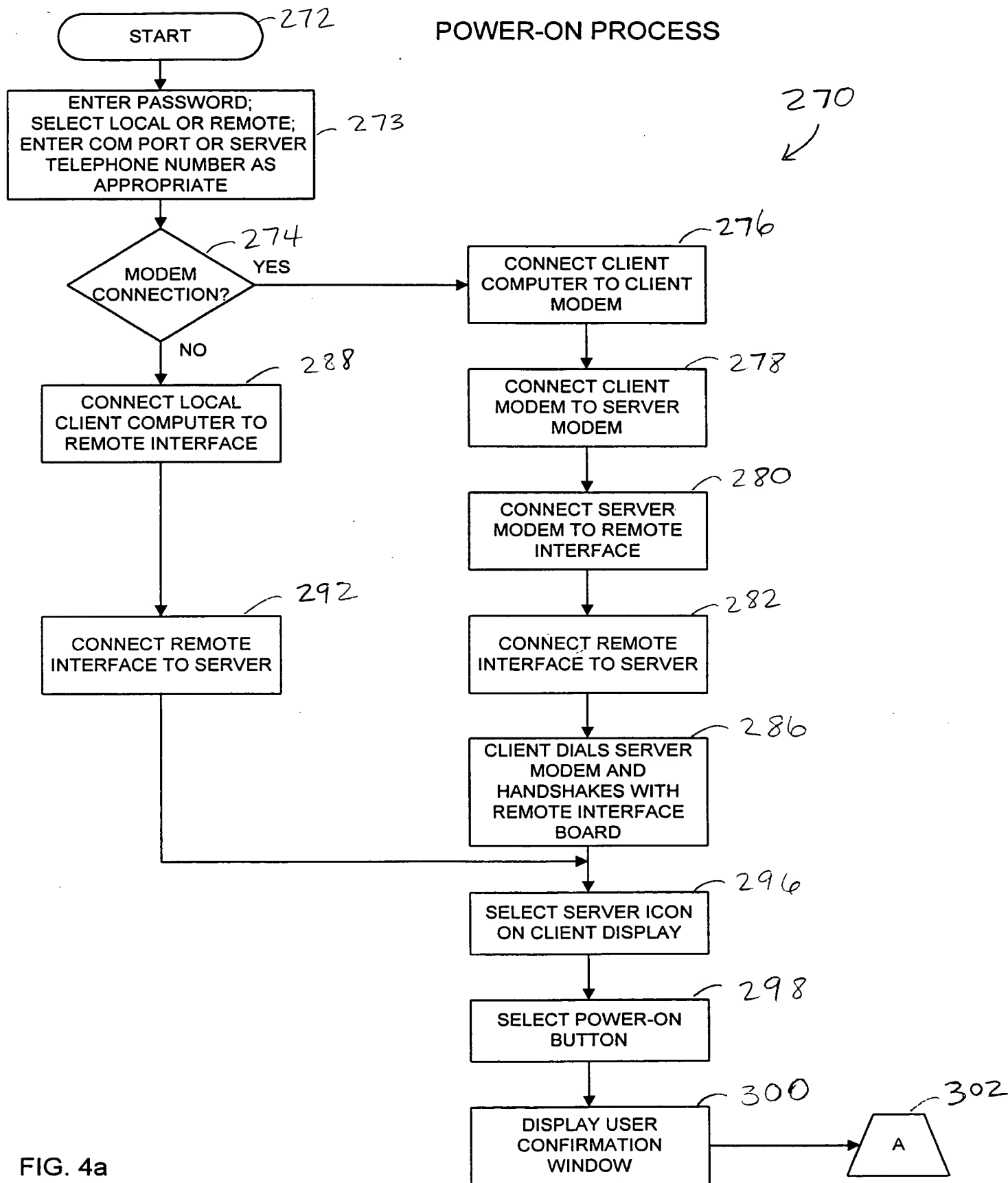


FIG. 3

26T00T 12024680

POWER-ON PROCESS



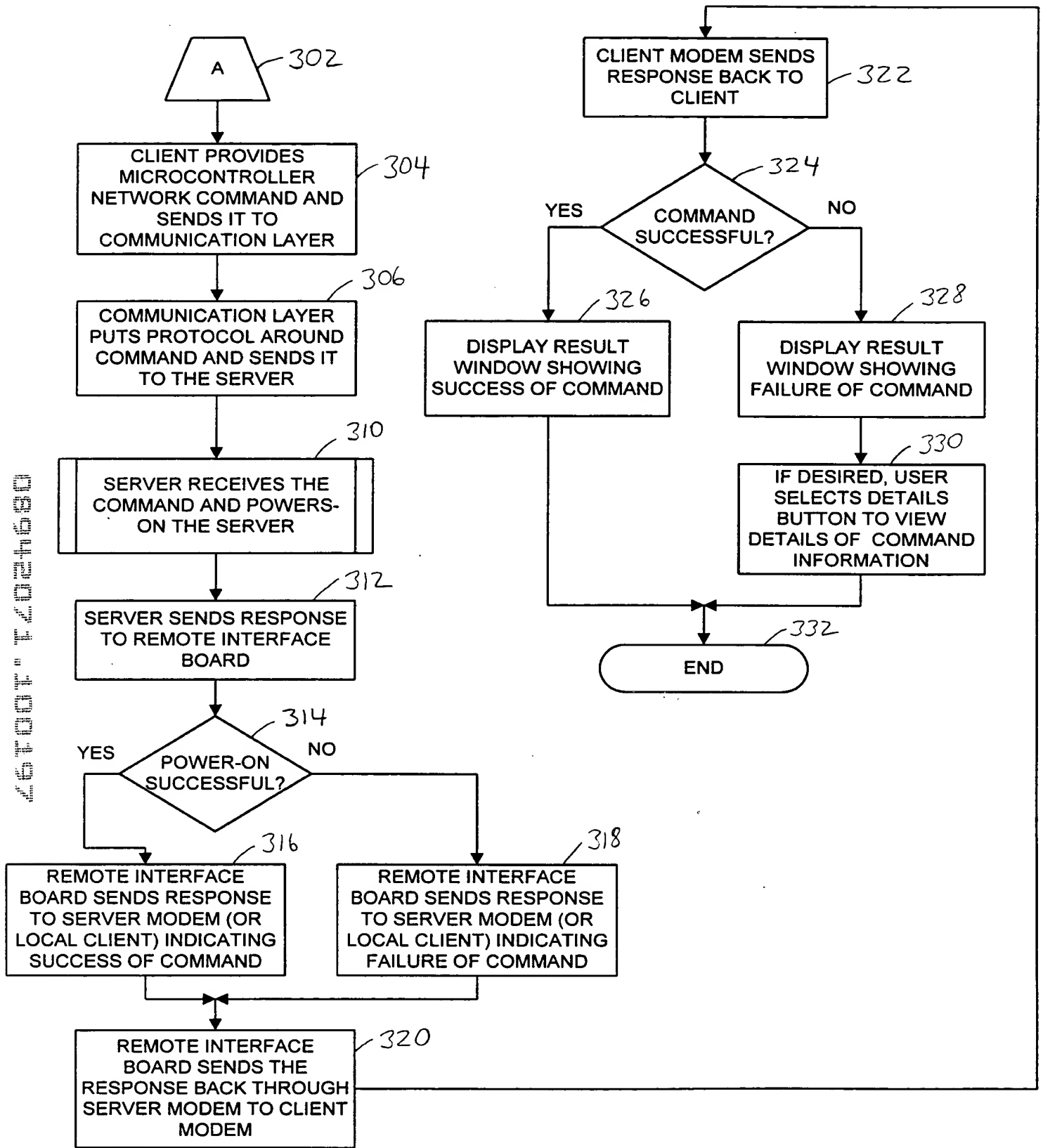


FIG. 4b

0899071-100197

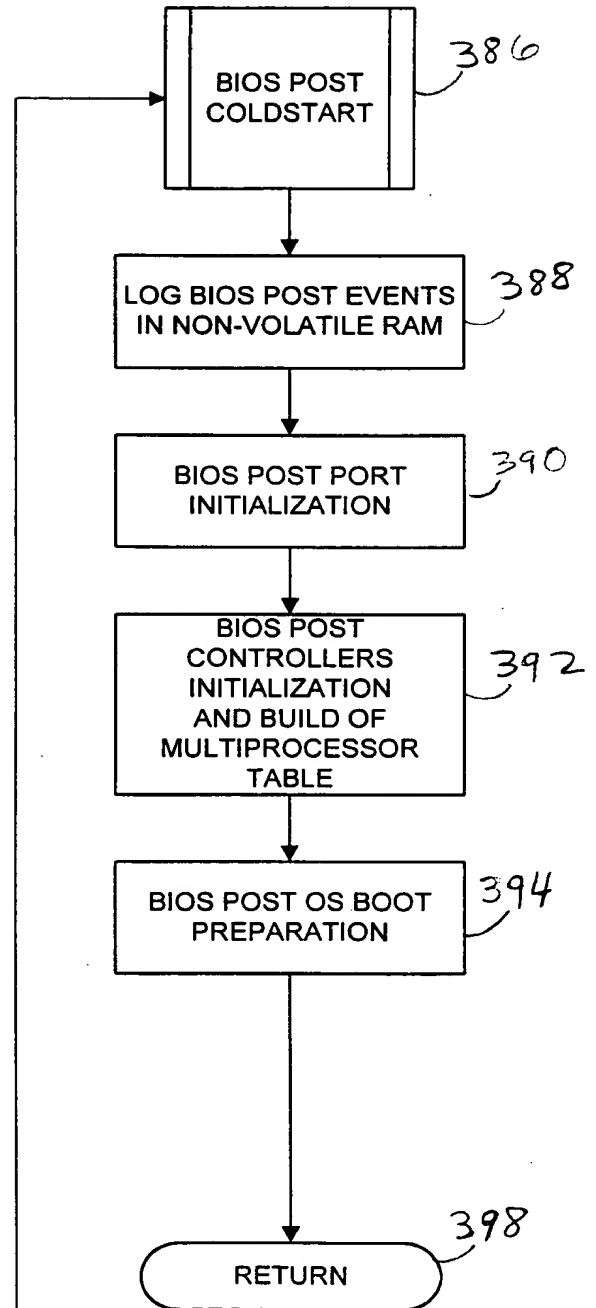
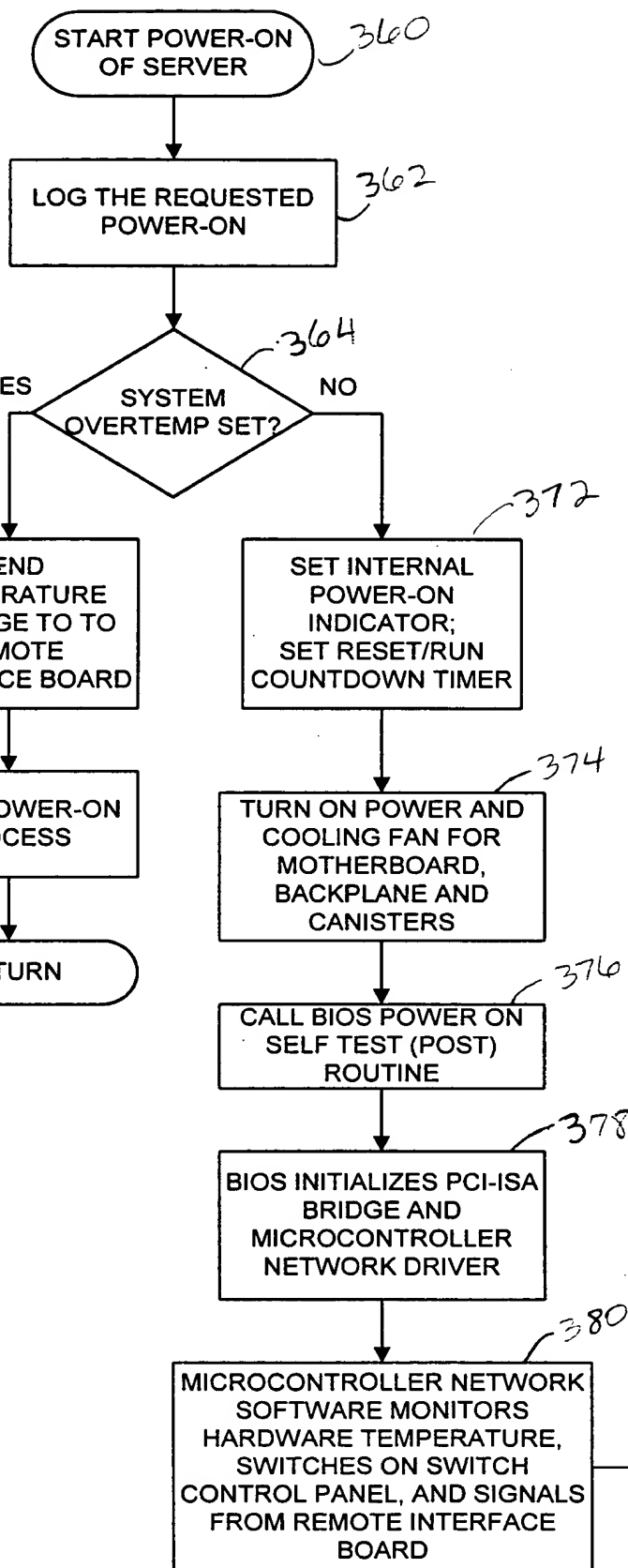


FIG. 5

POWER-OFF PROCESS

420
↓

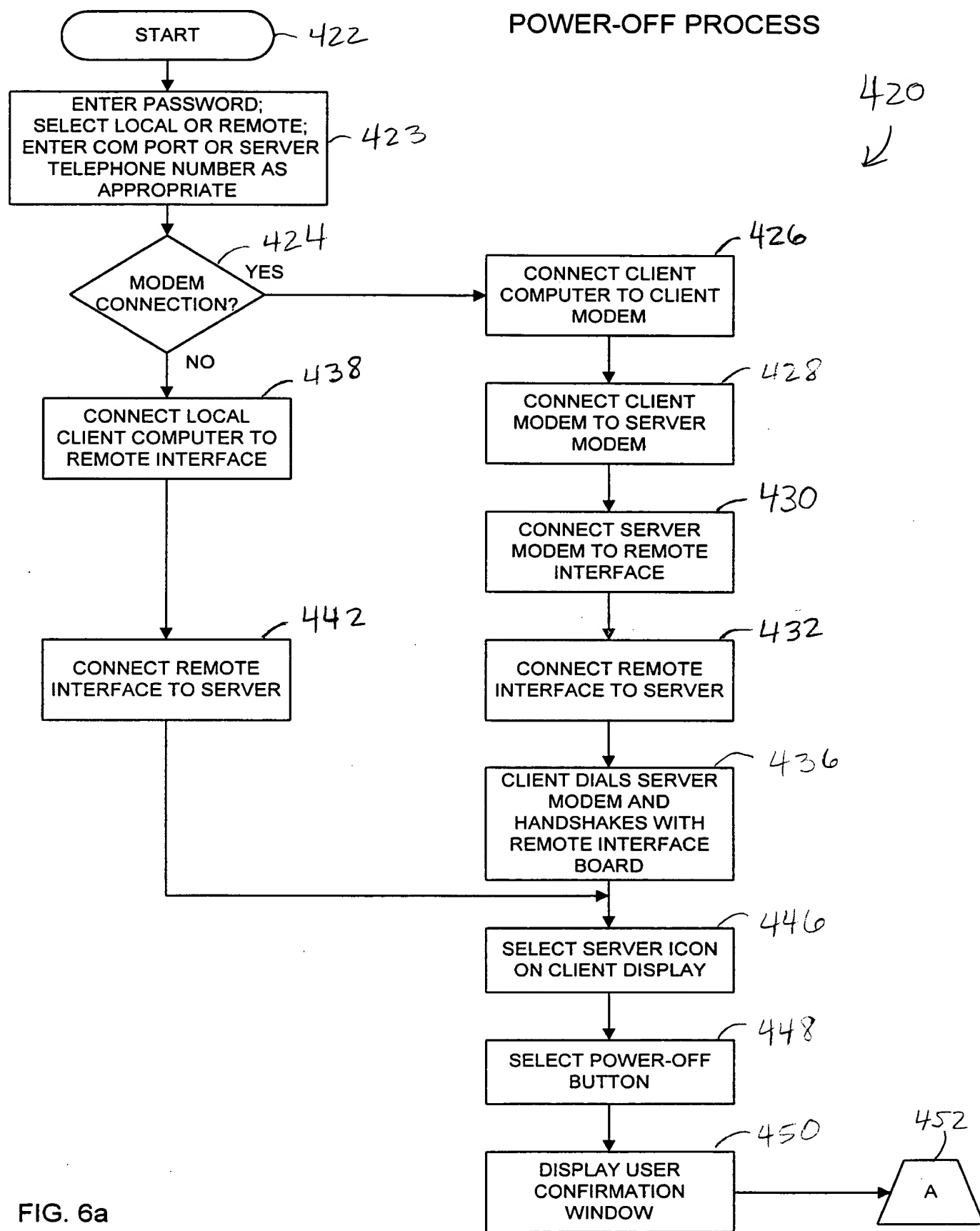


FIG. 6a

20240011001680

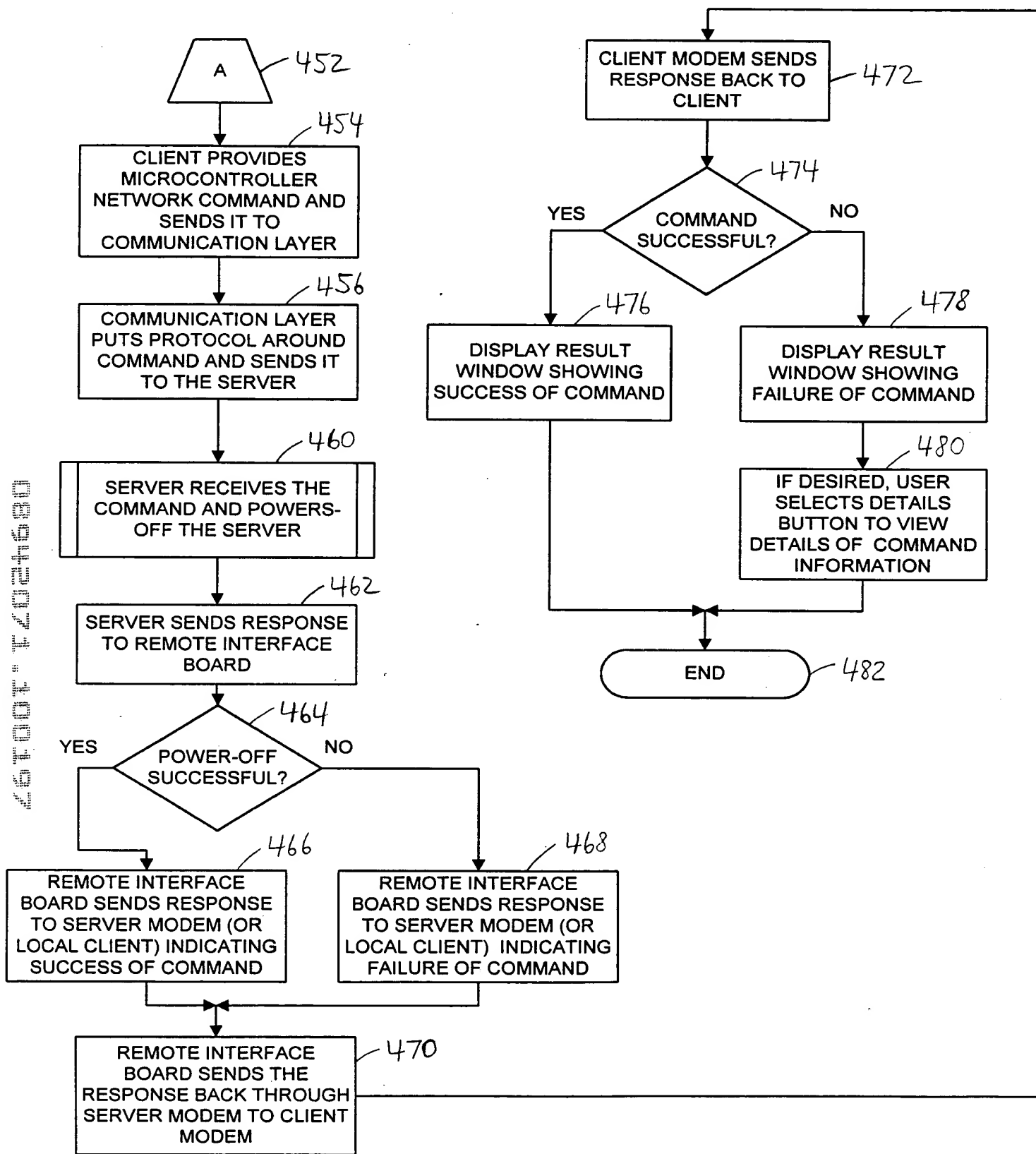
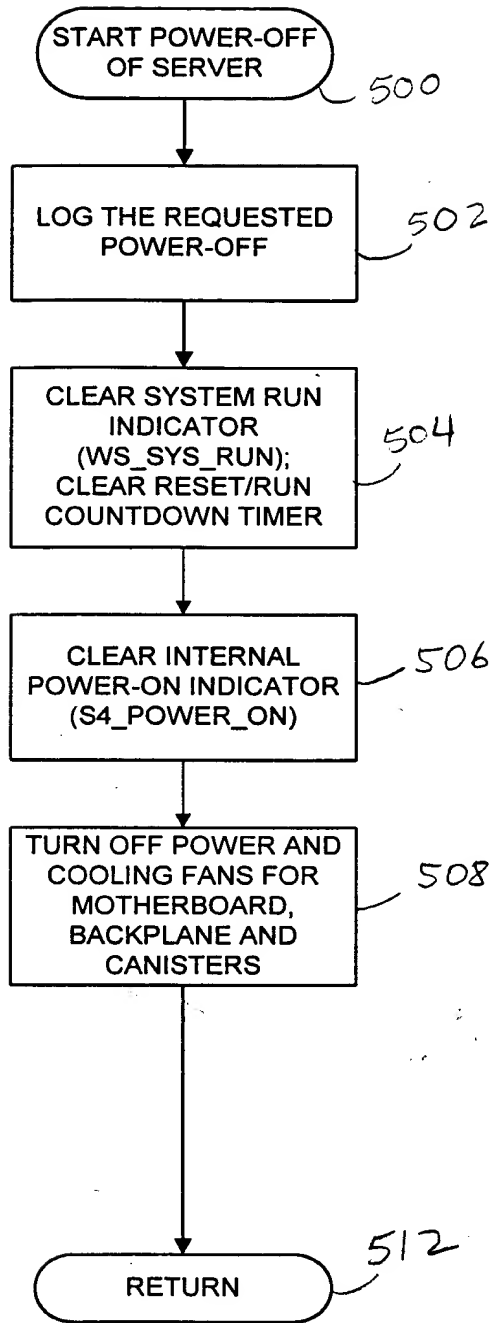


FIG. 6b

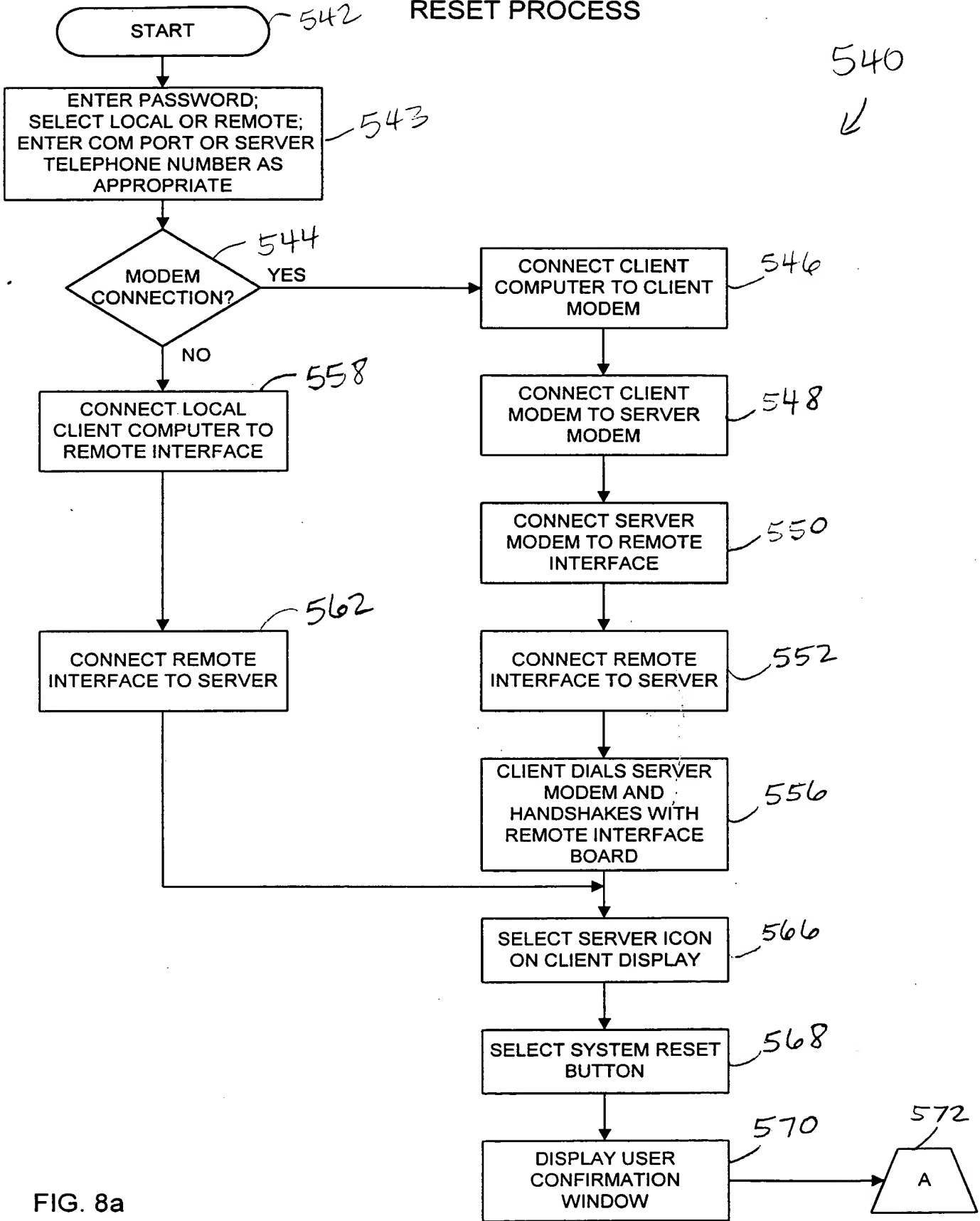


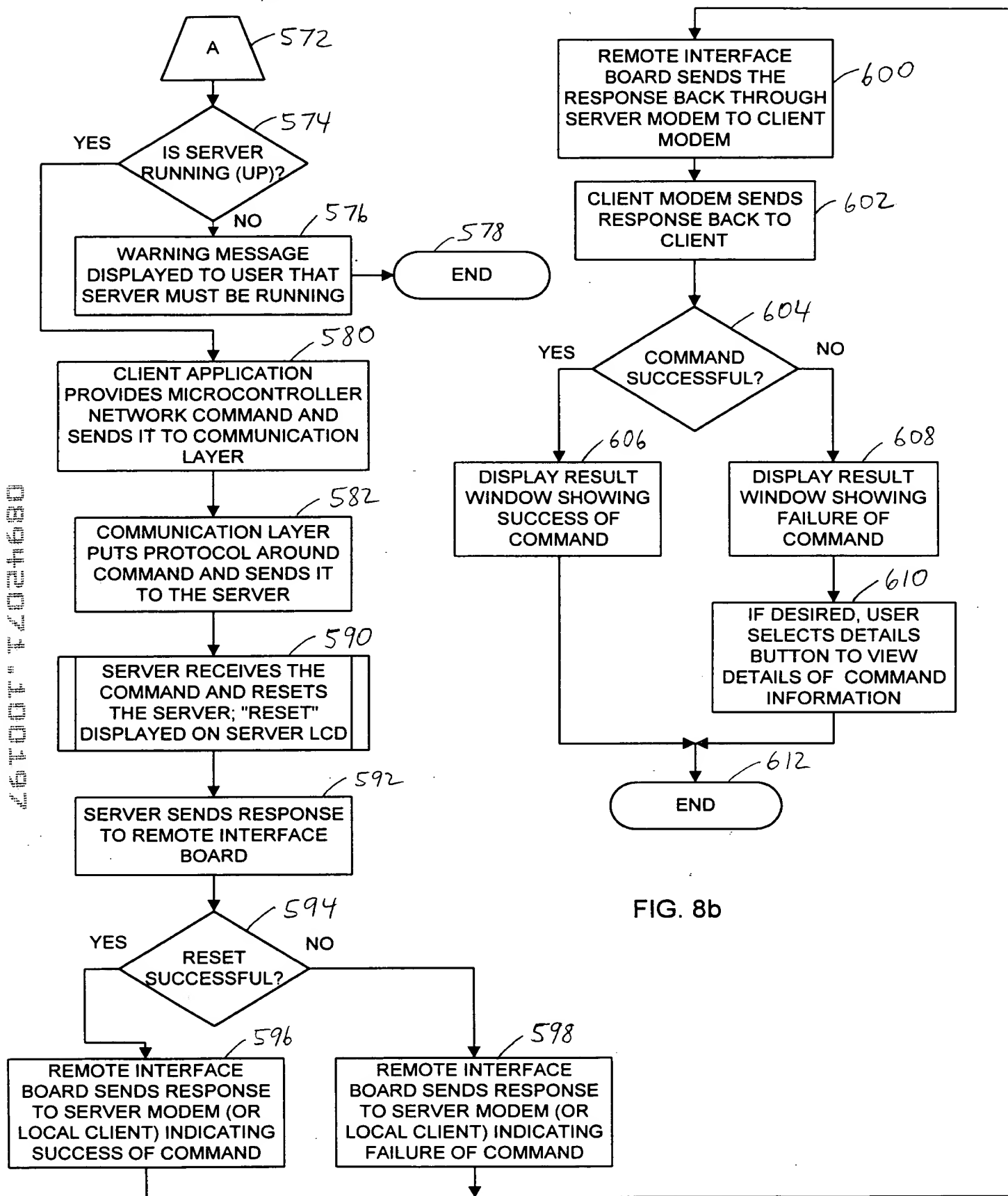
460
↓

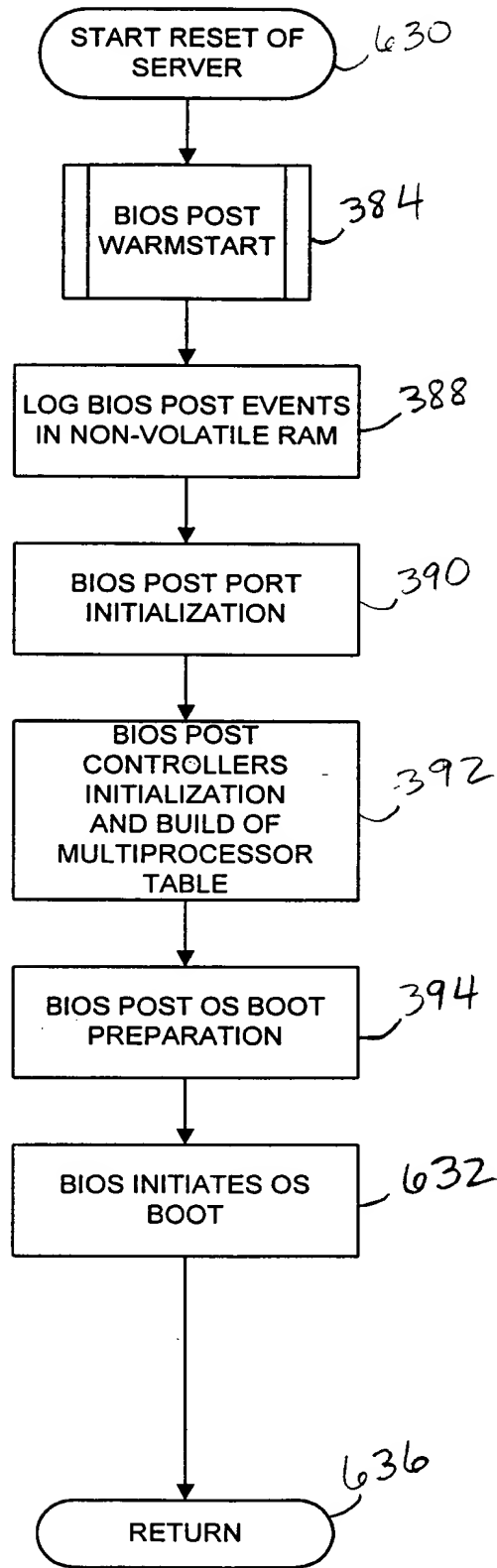
FIG. 7

08942071 100197

RESET PROCESS







590
↙

FIG. 9

DISPLAYING FLIGHT RECORDER PROCESS

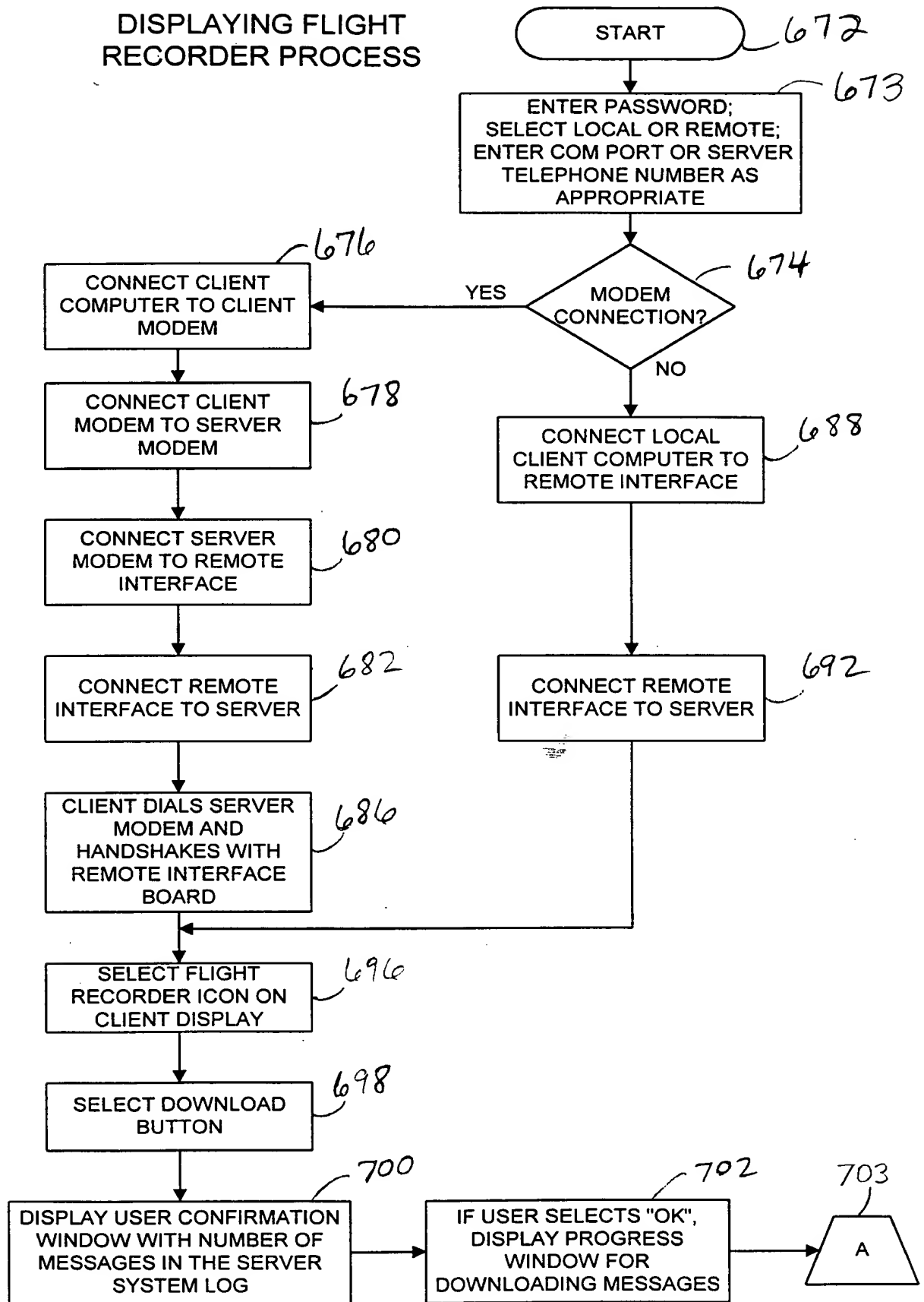


FIG. 10a

2025-10-10 14:04:42

0844034 1007 2024680

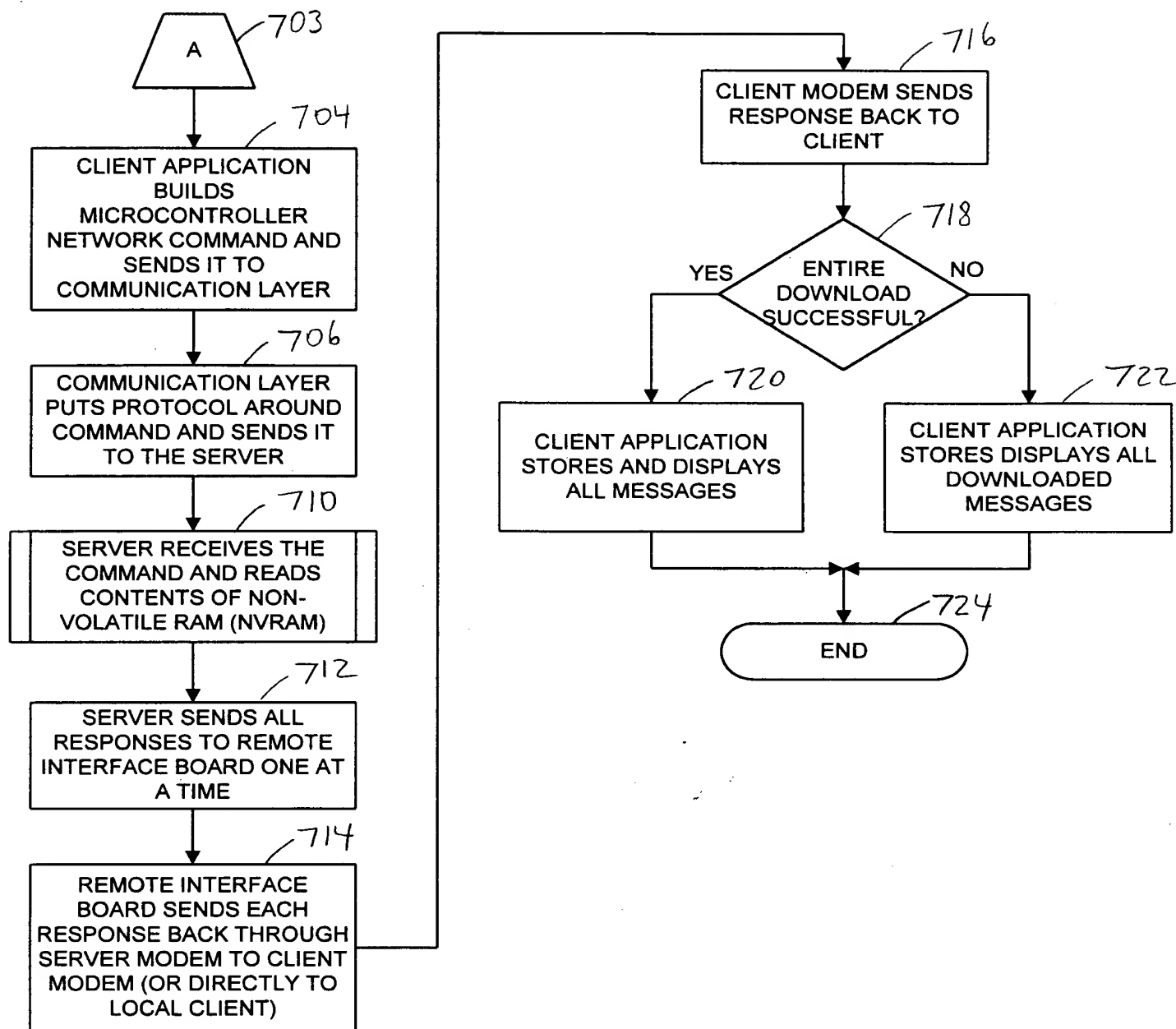


FIG. 10b

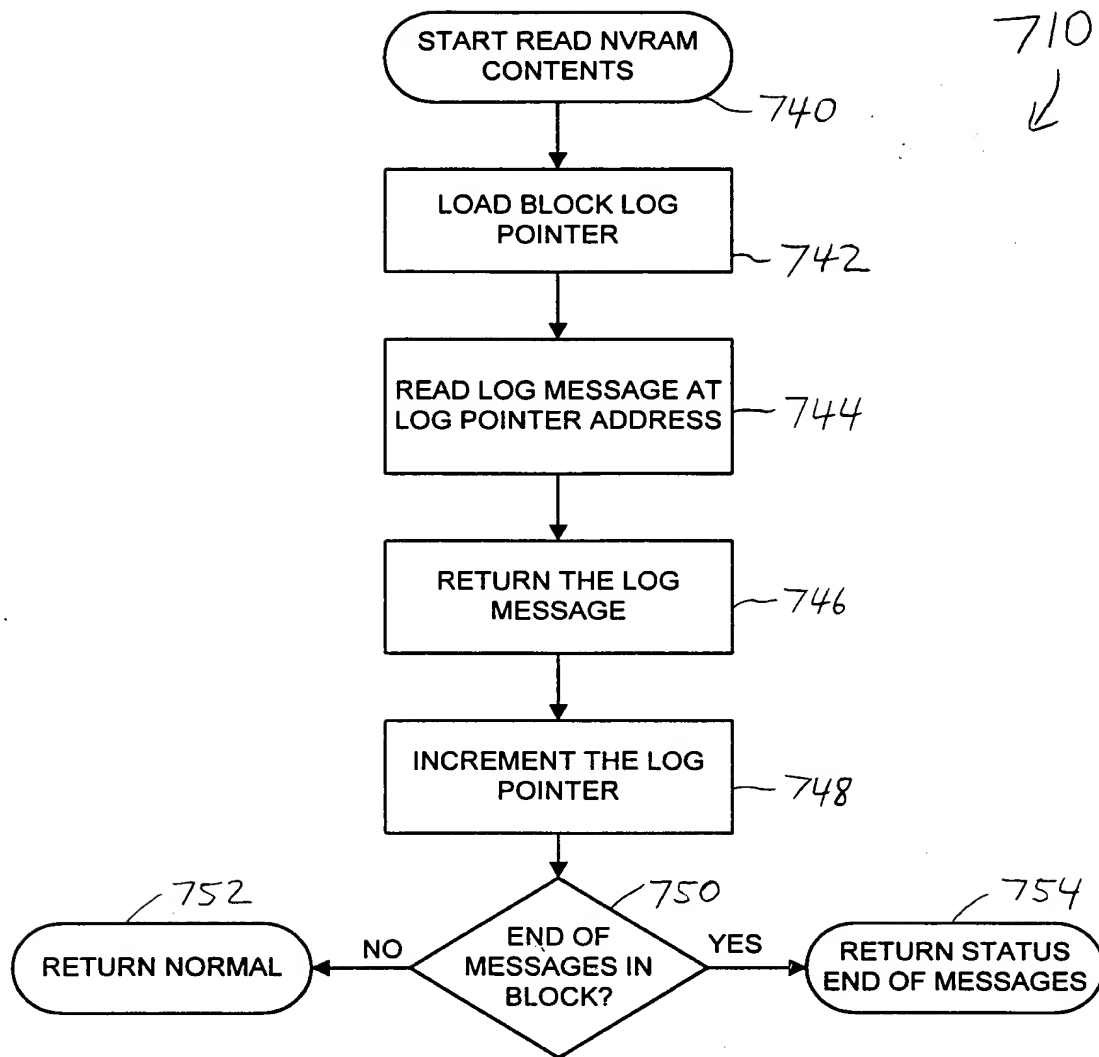


FIG. 11

Microcontroller Network Bus 160

A

152

Backplane

Power from Bias +5v

170

Chassis
Controller
PIC16c74

Analog

- Chassis Type Detection
- Canister SN Detection
- Motherboard SN Detection
- Backplane SN Detection
- PS Control/Monitoring
- PS On Switch
- PS On Signal
- PS SN Detection
- PS DC OKs
- PS AC OKs
- Power Voltage Level Detection
- +3v +5v +12v -12v VRef
- Power from Bias +5v
- Exhaust Temp (4/2 wire Detectors)
- Temperature Detector (2) On Backplane
- Temperature Detector (2) On Motherboard
- Ambient Temp (1/2 wire detector)
- Temperature Detector (2) On Motherboard

Power from Bias +5v

System
Recorder
PIC16c65

110

Non Volatile RAM

Address
Data
R/W/E

Power from Bias +5v

112

Timer Chip

Reset
Data
Clock

Power from Bias +5v

760

Canister Card

758

Canister
Controller

PIC16c65

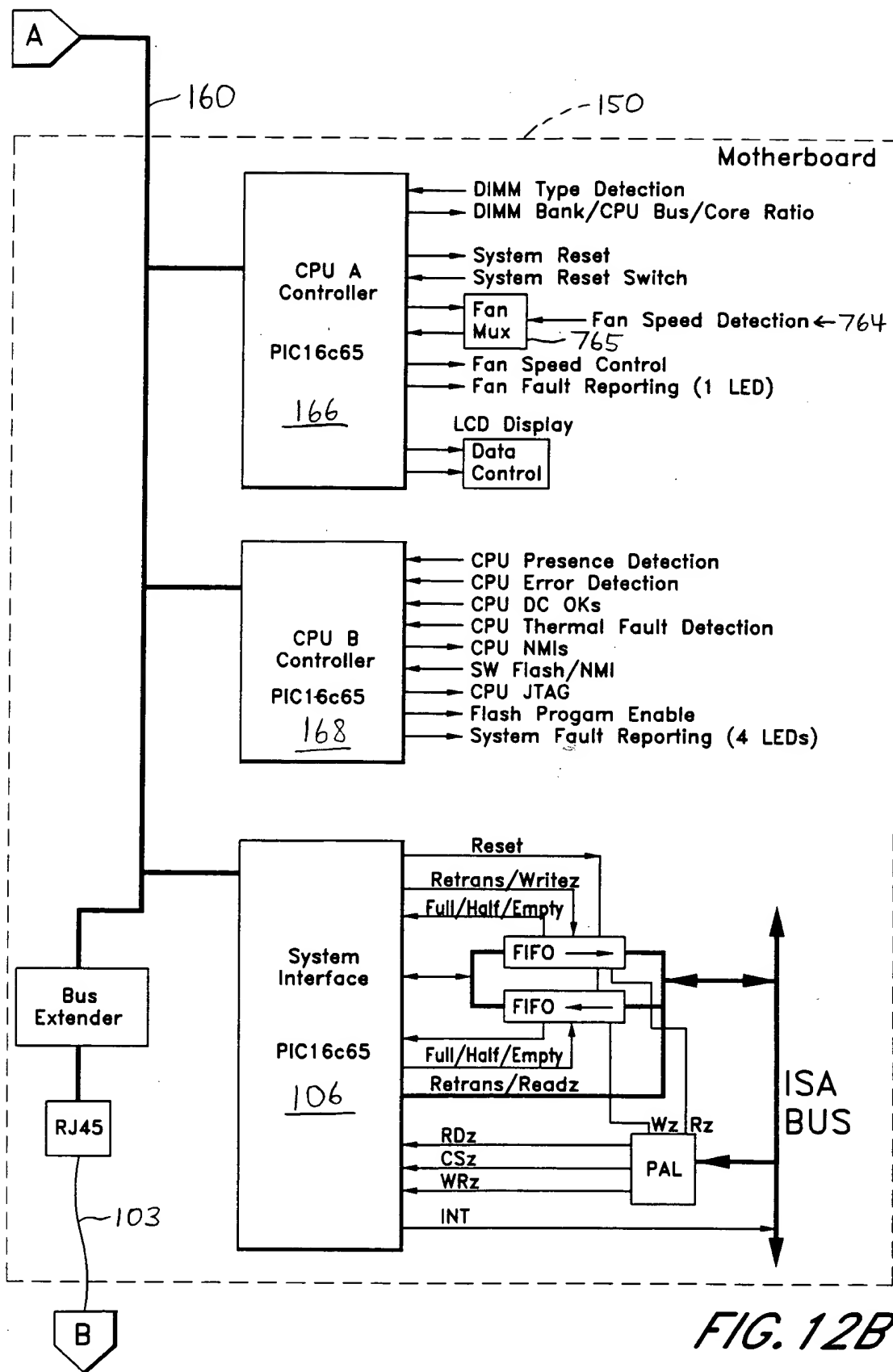
172

- Canister Address Detection
- I/O Processor NMI
- PCI Card Power Control
- JTAG Control
- FRU/Fan Fault LEDs (2)
- Fan Mux
- Fan Speed Detection
- Fan Speed Control
- PCI Ext Bd Detection
- I/O Processor SN Detection

767

FIG. 12A

08942071-100197



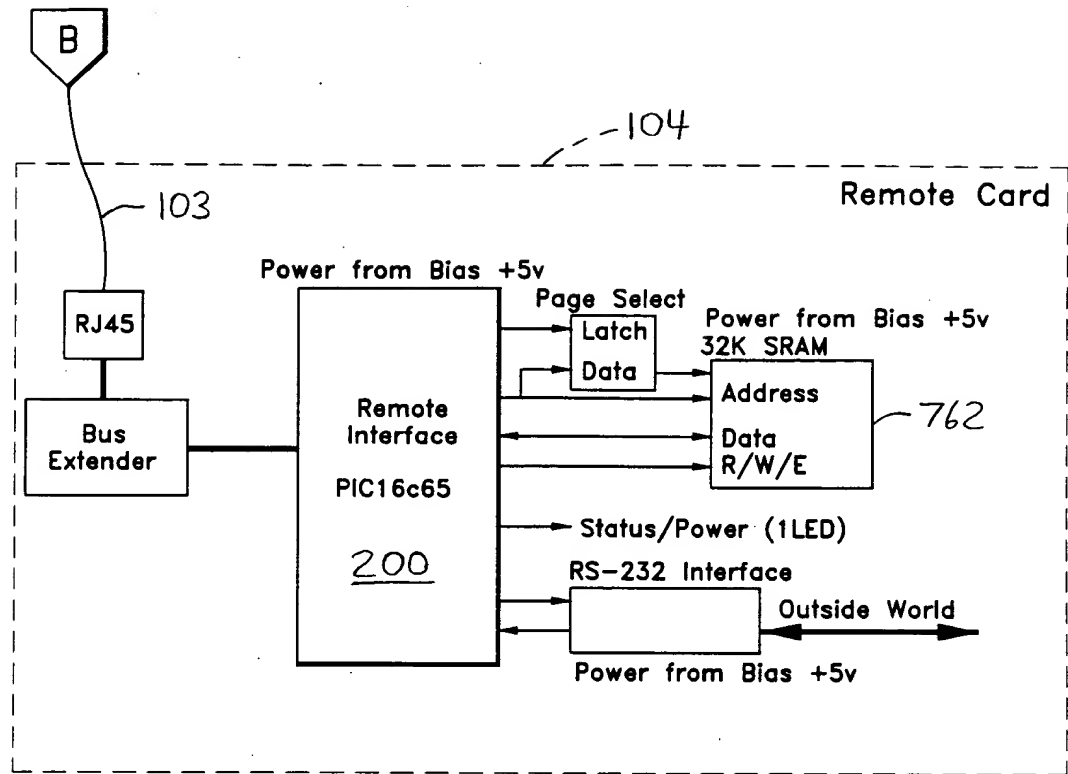


FIG. 12C

SYSTEM STATUS

770
↓

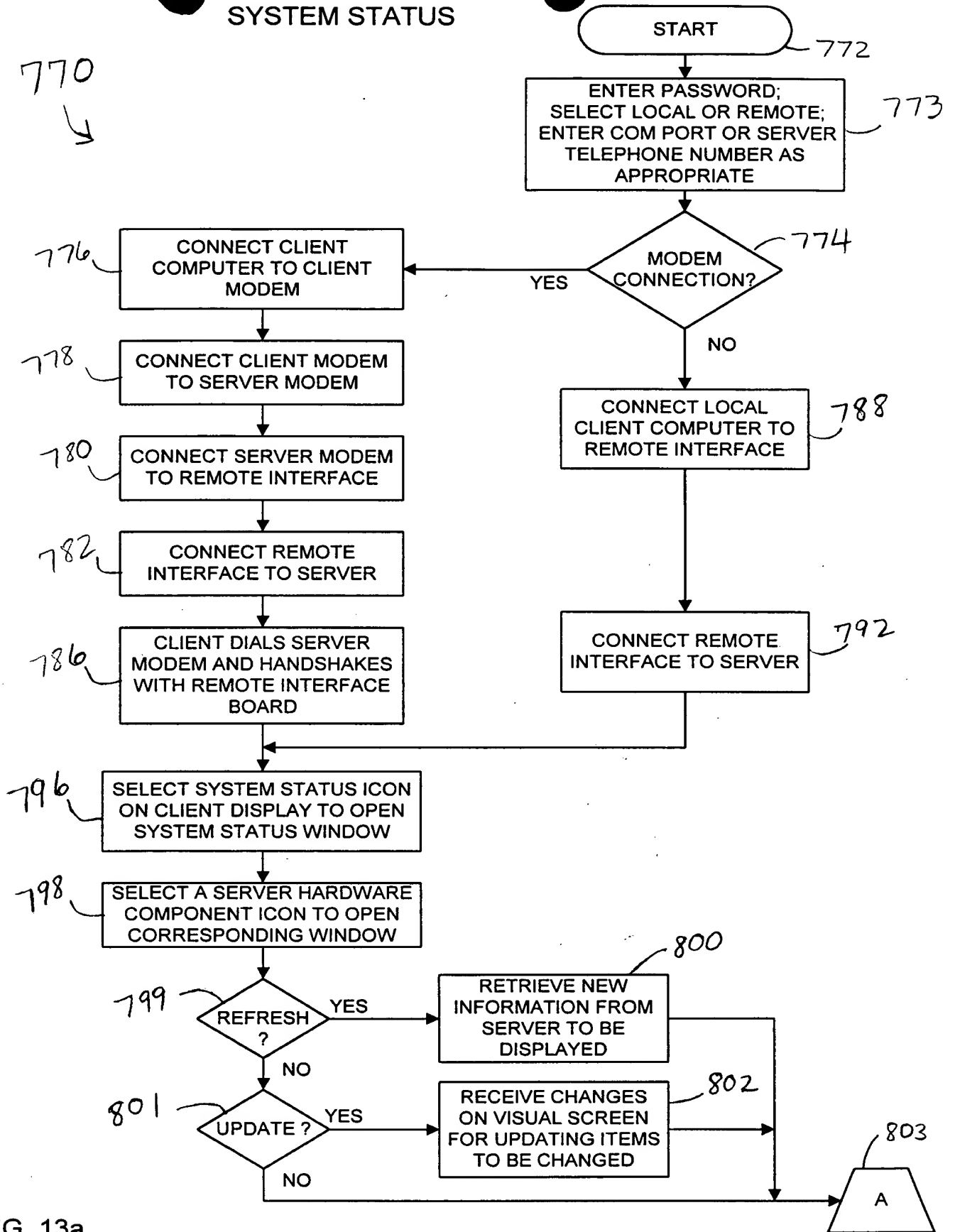


FIG. 13a

08942071.100197

FIG. 13b

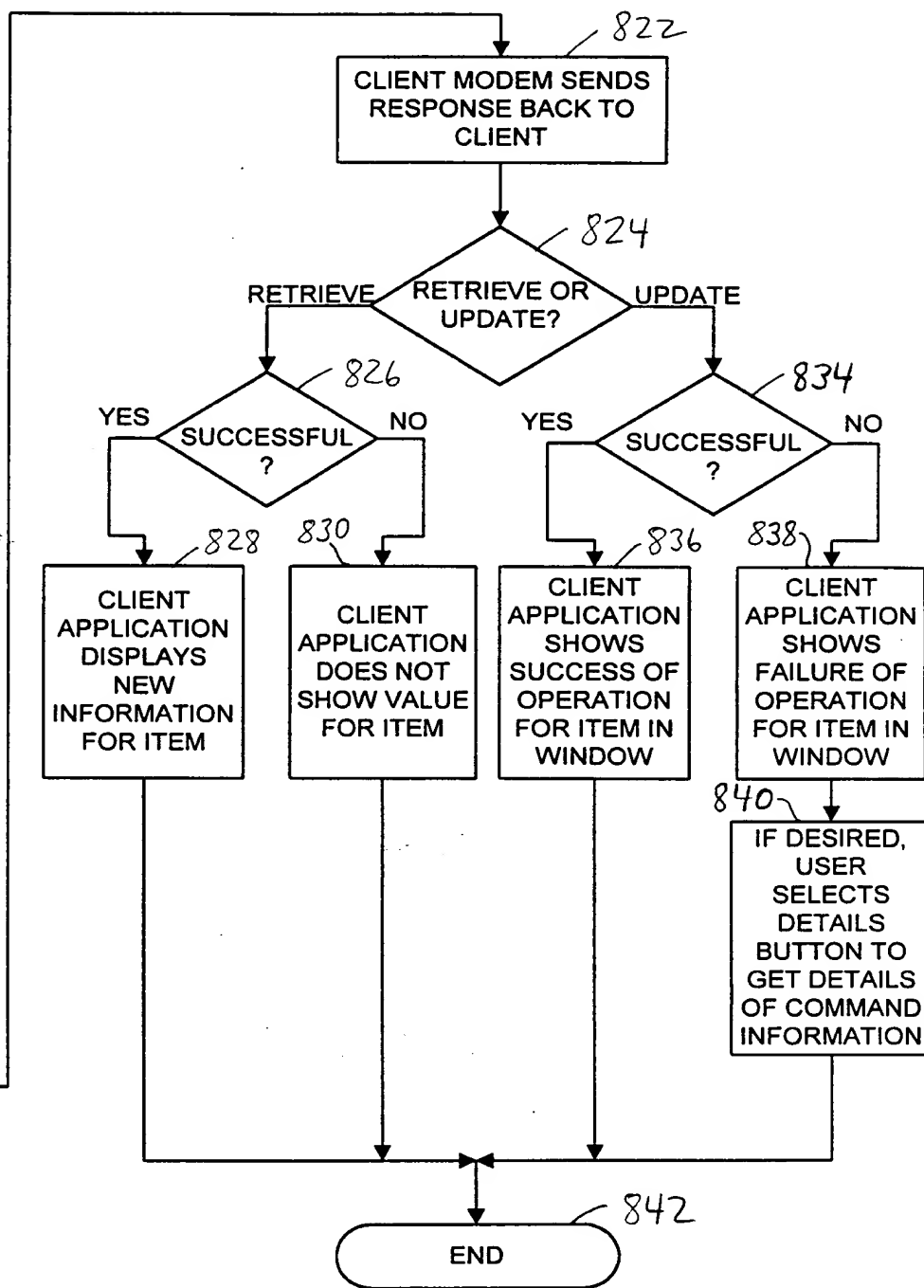
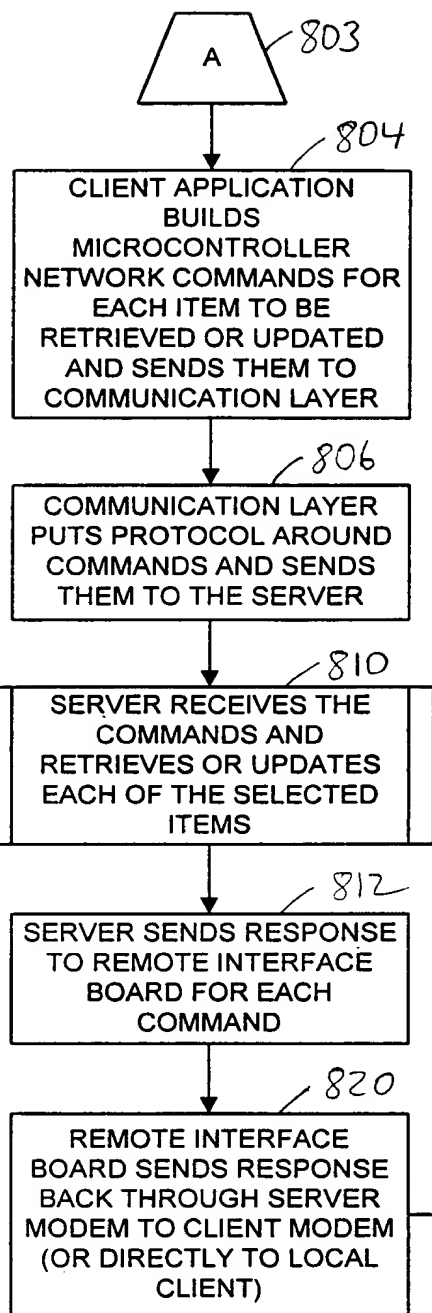


FIG. 13b

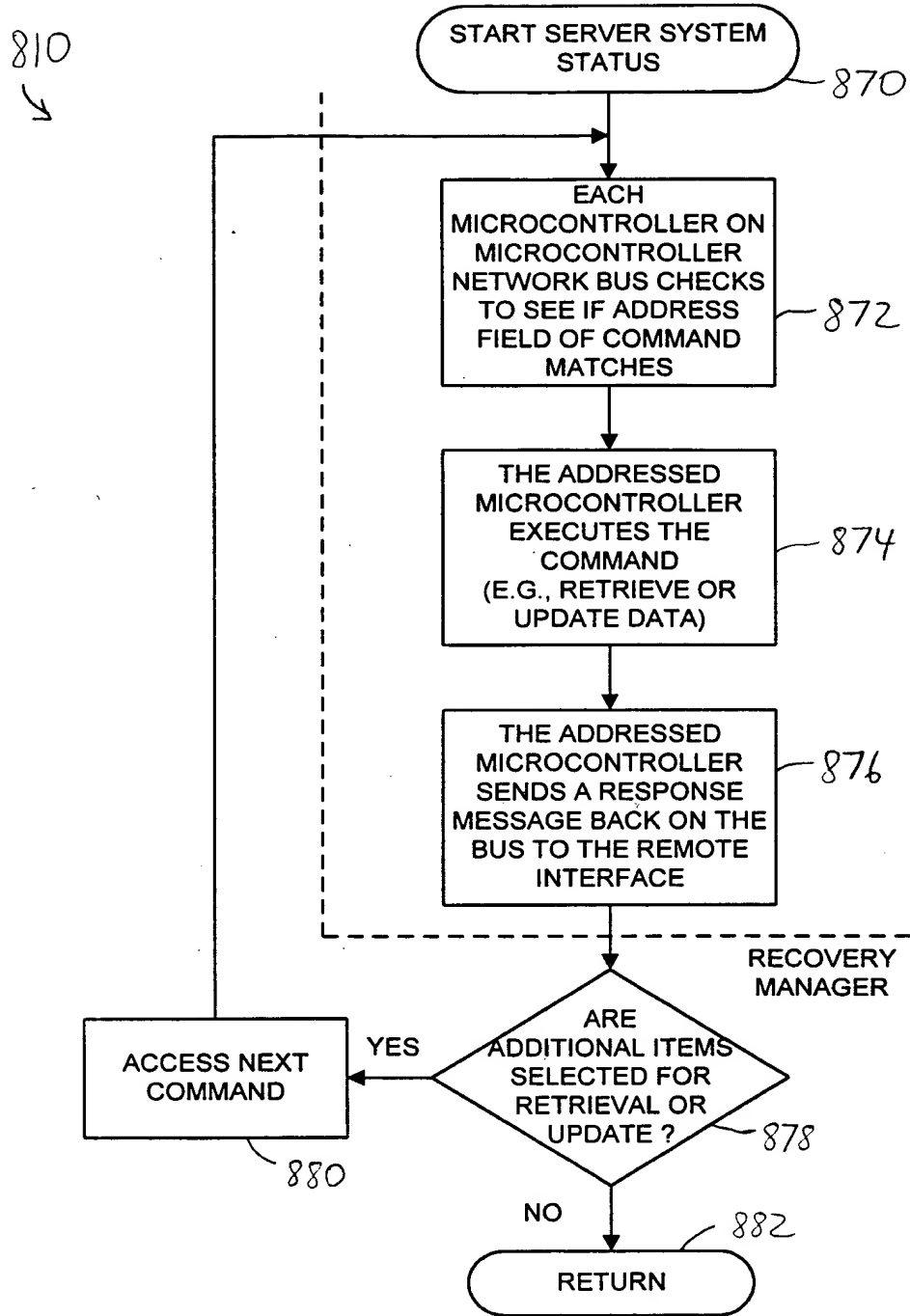


FIG. 14

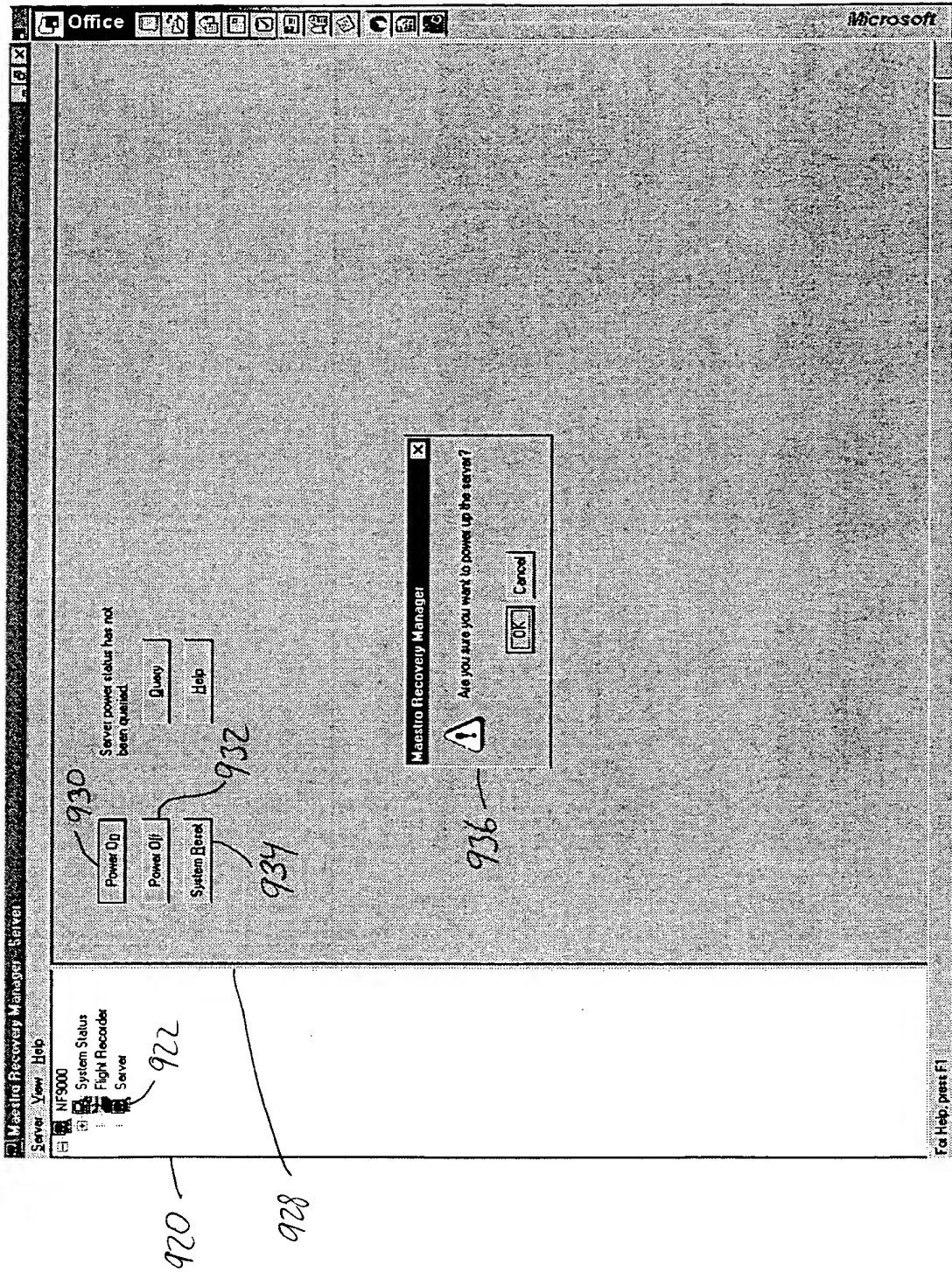


FIG. 15

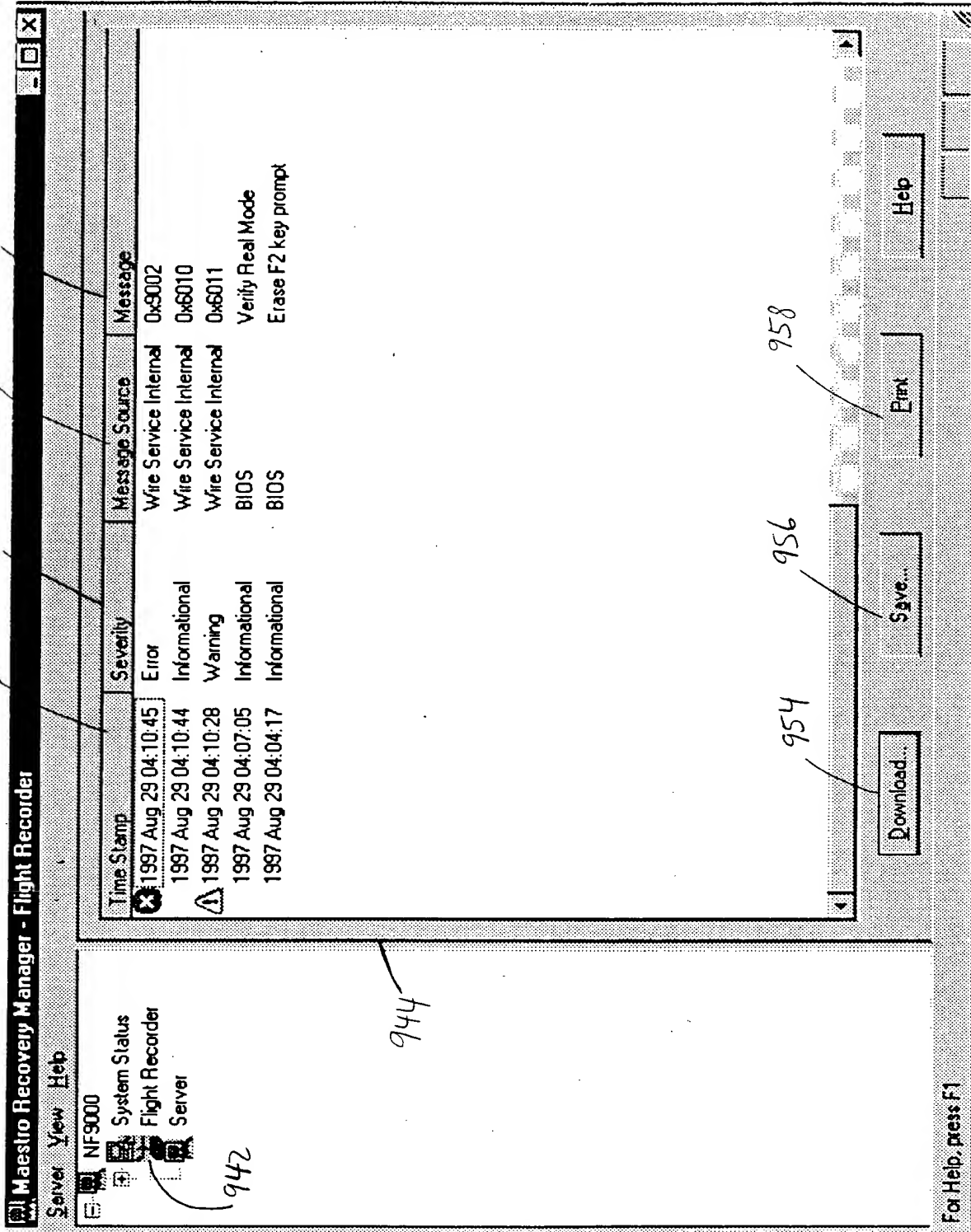


FIG. 16

Maestro Recovery Manager - System Status

Server View Help

NF9000

- System Status
- Power Supplies
- Temperatures
- Fans
- Processors
- I/O Controllers
- Serial Numbers
- Revisions
- Fight Recorder
- Server



Power Supplies



Temperatures



Fans



Processors



I/O Controllers



Serial Numbers



Revisions



Fight Recorder



Server

Best Available Copy

984

982

980

978

976

974

972

962

960

970

Figure 17

26T00T" F2024680

Best Available Copy

Maestro Recovery Manager - Fans

Server View Help

- NF9000
 - System Status
 - Power Supplies
 - Temperatures
 - Fans
 - System Board
 - Canister A
 - Canister B
 - Canister C
 - Canister D
 - Processors
 - I/O Canisters
 - Serial Numbers
 - Revisions
 - Flight Recorder
 - Server

Location	Fan	Speed	Speed Control	Fault Indicator LED	Fault	Low-speed fault threshold speed
System Board	1	4740	high	ON	YES	4740
	2	5180			YES	
	3	4260			YES	
	4	8520			YES	
	5	9540			no	
	6	480			no	
Canister A	1	4740	high	ON	no	4740
	2	5180			no	
Canister B	1	4740	high	ON	no	4740
	2	5180			no	
Canister C	1	4740	high	ON	no	4740
	2	5180			no	
Canister D	1	4740	high	ON	no	4740
	2	5180			no	

Refresh

Help

992

994

960

Figure 18

089420710024680

Maestro Recovery Manager - Canister A

Server View Help

NF9000

- System Status
- Power Supplies
- Temperatures
- Fans
 - System Board
 - Canister A
 - Canister B
 - Canister C
 - Canister D
- Processors
- I/O Canisters
- Serial Numbers
- Revisions
- Flight Recorder
- Server

Canister Present



Fan 1

Speed

Fault?

Fan 2

Speed

Fault?

Low speed fault threshold speed

Speed Control

☐ Low ☒ High

Fault indicator LED?

Refresh

Update

Help

1008 1020 1022 1004 1010 1006 1002 1012 1024

Figure 19